

Rdvan Say

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99
papers

4,083
citations

39
h-index

61
g-index

100
ext. papers

4,301
ext. citations

5.2
avg. IF

5.21
L-index

#	Paper	IF	Citations
99	Application of HRP-streptavidin bionanoparticles for potentiometric biotin determination. <i>Bioelectrochemistry</i> , 2021 , 144, 107993	5.6	0
98	Development of molecular imprinting-based smart cryogels for selective recognition and separation of serum cytochrome-c as a biochemical indicator. <i>Process Biochemistry</i> , 2021 , 106, 112-119	4.8	2
97	A novel lanthanide-chelate based molecularly imprinted cryogel for purification of hemoglobin from blood serum: An alternative method for thalassemia diagnosis. <i>Process Biochemistry</i> , 2020 , 91, 189-196	4.8	6
96	Metal chelate based site recognition of ceruloplasmin using molecularly imprinted polymer/cryogel system. <i>Separation Science and Technology</i> , 2020 , 55, 199-208	2.5	6
95	DNA ligase photocrosslinked cryogenic column based biotinylation kit for viral hybridization and detection. <i>Process Biochemistry</i> , 2019 , 84, 213-219	4.8	
94	Proteinous Polymeric Shell Decorated Nanocrystals for the Recognition of Immunoglobulin M. <i>Journal of Fluorescence</i> , 2019 , 29, 609-617	2.4	4
93	Gadolinium chelate monomer based memories onto QCM electrodes for folic acid detection in commercial follow-on baby milk. <i>Journal of Food Measurement and Characterization</i> , 2018 , 12, 2892-2898	2.8	2
92	Phosphoserine imprinted nanosensor for detection of Cancer Antigen 125. <i>Talanta</i> , 2017 , 167, 172-180	6.2	26
91	Synergistic thallium and iodine memory-based cryogel traps for removing thallium and iodine ions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 314, 2229-2236	1.5	1
90	Simultaneous depletion of albumin and immunoglobulin G by using twin affinity magnetic nanotraps. <i>Separation Science and Technology</i> , 2016 , 51, 2080-2089	2.5	13
89	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. <i>Materials Science and Engineering C</i> , 2016 , 69, 231-5	8.3	17
88	Biopolymer based ion imprinting cryogel traps for the removal of Tl(I). <i>Separation Science and Technology</i> , 2016 , 51, 901-908	2.5	5
87	Determination of Clenbuterol by Multiwalled Carbon Nanotube Potentiometric Sensors. <i>Analytical Letters</i> , 2016 , 49, 778-789	2.2	13
86	Biomimetic Imprinted Polymers: Theory, Design Methods, and Catalytic Applications 2016 , 103-120		2
85	Polyethyleneimine assisted-two-step polymerization to develop surface imprinted cryogels for lysozyme purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 146, 567-76	6	36
84	Double-imprinted potentiometric sensors based on ligand exchange for the determination of dimethoate. <i>Korean Journal of Chemical Engineering</i> , 2015 , 32, 1613-1617	2.8	5
83	Aspartic acid incorporated monolithic columns for affinity glycoprotein purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 114, 67-74	6	18

82	Self-oriented nanoparticles for site-selective immunoglobulin G recognition via epitope imprinting approach. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 831-7	6	22
81	Development of a highly sensitive MIP based-QCM nanosensor for selective determination of cholic acid level in body fluids. <i>Materials Science and Engineering C</i> , 2014 , 42, 436-42	8.3	19
80	Development of New Molecular Imprinted Solid Phase Extraction Material for Dimethoate. <i>Spectroscopy Letters</i> , 2014 , 47, 168-176	1.1	6
79	Polyvalent integrin antagonist-decorated superparamagnetic iron oxide nanoparticles for triggering apoptosis in human leukemia cancer cells. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	
78	Separation and purification of hyaluronic acid by embedded glucuronic acid imprinted polymers into cryogel. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 934, 46-52	3.2	28
77	Rapid real-time detection of procalcitonin using a microcontact imprinted surface plasmon resonance biosensor. <i>Analyst, The</i> , 2013 , 138, 6422-8	5	83
76	Nanolabel for TNF- α determination. <i>Applied Surface Science</i> , 2013 , 275, 233-238	6.7	8
75	Molecularly imprinted cryogels for human interferon-alpha purification from human gingival fibroblast culture. <i>Journal of Molecular Recognition</i> , 2013 , 26, 633-42	2.6	21
74	Silan based paraoxon memories onto QCM electrodes. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 1788-1792	6.3	6
73	Immunoglobulin G recognition with Fab fragments imprinted monolithic cryogels: Evaluation of the effects of metal-ion assisted-coordination of template molecule. <i>Reactive and Functional Polymers</i> , 2013 , 73, 813-820	4.6	33
72	Oriented immobilized anti-hIgG via F(c) fragment-imprinted PHEMA cryogel for IgG purification. <i>Biomedical Chromatography</i> , 2013 , 27, 599-607	1.7	29
71	Ligand exchange based paraoxon imprinted QCM sensor. <i>Materials Science and Engineering C</i> , 2013 , 33, 938-42	8.3	24
70	New synthesis method for 4-MAPBA monomer and using for the recognition of IgM and mannose with MIP-based QCM sensors. <i>Analyst, The</i> , 2013 , 138, 1558-63	5	27
69	Investigation of synthetic lipase and its use in transesterification reactions. <i>Polymer</i> , 2012 , 53, 1981-1984	3.9	17
68	Mutual recognition of TNT using antibodies polymeric shell having CdS. <i>Talanta</i> , 2012 , 90, 103-8	6.2	11
67	Gold-silver-nanoclusters having cholic acid imprinted nanoshell. <i>Talanta</i> , 2012 , 93, 364-70	6.2	20
66	Novel protein photocrosslinking and cryopolymerization method for cryogel-based antibacterial material synthesis. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 145-151	2.9	6
65	Molecularly imprinted cryogel for L-glutamic acid separation. <i>Biotechnology Progress</i> , 2012 , 28, 459-66	2.8	23

64	Semi-synthetic biotin imprinting onto avidin crosslinked gold/silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	4
63	Bioconjugated and cross-linked bionanostructures for bifunctional immunohistochemical labeling. <i>Microscopy and Microanalysis</i> , 2012 , 18, 324-30	0.5	1
62	l-Histidine imprinted supermacroporous cryogels for protein recognition. <i>Separation and Purification Technology</i> , 2011 , 82, 28-35	8.3	57
61	Use of molecular imprinted nanoparticles as biorecognition element on surface plasmon resonance sensor. <i>Sensors and Actuators B: Chemical</i> , 2011 , 160, 791-799	8.5	77
60	Fab fragments imprinted SPR biosensor for real-time human immunoglobulin G detection. <i>Biosensors and Bioelectronics</i> , 2011 , 28, 97-104	11.8	87
59	Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 2073-2079	2.3	40
58	Investigation of photosensitively bioconjugated targeted quantum dots for the labeling of Cu/Zn superoxide dismutase in fixed cells and tissue sections. <i>Histochemistry and Cell Biology</i> , 2011 , 135, 523-30	2.4	15
57	Molecularly imprinted supermacroporous cryogels for cytochrome c recognition. <i>Journal of Separation Science</i> , 2011 , 34, 3433-40	3.4	53
56	Ion-imprinted PHEMA based monolith for the removal of Fe ³⁺ ions from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 1829-1836	2.9	29
55	Imprinted polymer/organo-smectite nanocomposites for paraoxon hydrolysis. <i>Applied Clay Science</i> , 2010 , 47, 223-228	5.2	13
54	Biomimicking, metal-chelating and surface-imprinted polymers for the degradation of pesticides. <i>Reactive and Functional Polymers</i> , 2010 , 70, 238-243	4.6	40
53	Ion-imprinted supermacroporous cryogel, for in vitro removal of iron out of human plasma with beta thalassemia. <i>Separation and Purification Technology</i> , 2010 , 73, 243-249	8.3	55
52	Thiocyanate separation by imprinted polymeric systems. <i>Mikrochimica Acta</i> , 2010 , 169, 129-135	5.8	6
51	Nanosensors having dipicolinic acid imprinted nanoshell for Bacillus cereus spores detection. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 2069-2079	2.3	24
50	Nickel(II)-imprinted monolithic columns for selective nickel recognition. <i>Journal of Applied Polymer Science</i> , 2010 , 117, n/a-n/a	2.9	1
49	Molecularly Imprinted PHEMA-Based Cryogel for Depletion of Hemoglobin from Human Blood. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 657-668	2.6	75
48	Quartz crystal microbalance based nanosensor for lysozyme detection with lysozyme imprinted nanoparticles. <i>Biosensors and Bioelectronics</i> , 2010 , 26, 815-21	11.8	120
47	Cadmium removal out of human plasma using ion-imprinted beads in a magnetic column. <i>Materials Science and Engineering C</i> , 2009 , 29, 144-152	8.3	50

46	Production of surface plasmon resonance based assay kit for hepatitis diagnosis. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2878-84	11.8	74
45	8-OHdG sensing with MIP based solid phase extraction and QCM technique. <i>Sensors and Actuators B: Chemical</i> , 2009 , 137, 7-11	8.5	35
44	Separation and purification of hyaluronic acid by glucuronic acid imprinted microbeads. <i>Materials Science and Engineering C</i> , 2009 , 29, 1404-1408	8.3	28
43	Supermacroporous poly(hydroxyethyl methacrylate) based cryogel with embedded bilirubin imprinted particles. <i>Reactive and Functional Polymers</i> , 2009 , 69, 36-42	4.6	85
42	Bilirubin recognition via molecularly imprinted supermacroporous cryogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 68, 33-8	6	87
41	Gold nanoparticles having dipicolinic acid imprinted nanoshell for Bacillus cereus spores recognition. <i>Applied Surface Science</i> , 2009 , 256, 142-148	6.7	44
40	Gold-silver nanoclusters having dipicolinic acid imprinted nanoshell for Bacillus cereus spores recognition. <i>Talanta</i> , 2009 , 78, 1332-8	6.2	39
39	Molecular recognition-based detoxification of aluminum in human plasma. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009 , 20, 1235-58	3.5	20
38	Quantum dot nanocrystals having guanosine imprinted nanoshell for DNA recognition. <i>Talanta</i> , 2008 , 75, 890-6	6.2	100
37	Polymer/clay Nanocomposite Iron Traps Based on Intersurface Ion-Imprinting. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 2258-2264	3.9	25
36	An Ion-Imprinted Monolith for in Vitro Removal of Iron out of Human Plasma with Beta Thalassemia. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 7849-7856	3.9	25
35	Synergie between molecular imprinted polymer based on solid-phase extraction and quartz crystal microbalance technique for 8-OHdG sensing. <i>Biosensors and Bioelectronics</i> , 2008 , 24, 742-7	11.8	38
34	Molecularly imprinted ligand-exchange recognition assay of DNA by SPR system using guanosine and guanine recognition sites of DNA. <i>Sensors and Actuators B: Chemical</i> , 2008 , 133, 484-488	8.5	28
33	Protein recognition via ion-coordinated molecularly imprinted supermacroporous cryogels. <i>Journal of Chromatography A</i> , 2008 , 1190, 18-26	4.5	219
32	Molecular imprinted particles for lysozyme purification. <i>Materials Science and Engineering C</i> , 2007 , 27, 90-99	8.3	85
31	Cr(III)-imprinted polymeric beads: Sorption and preconcentration studies. <i>Journal of Hazardous Materials</i> , 2007 , 140, 110-6	12.8	127
30	N-Acylbenzotriazole Mediated Synthesis of Some Methacrylamido Amino Acids. <i>Letters in Organic Chemistry</i> , 2007 , 4, 585-587	0.6	43
29	Ion-imprinted beads for molecular recognition based mercury removal from human serum. <i>International Journal of Biological Macromolecules</i> , 2007 , 40, 159-66	7.9	61

28	Immunoglobulin G depletion from human serum with metal-chelated beads under magnetic field. <i>International Journal of Biological Macromolecules</i> , 2007 , 40, 254-60	7.9	37
27	Synthesis of cholesterol imprinted polymeric particles. <i>International Journal of Biological Macromolecules</i> , 2007 , 41, 8-15	7.9	48
26	Methacryloylamidoglutamic acid having porous magnetic beads as a stationary phase in metal chelate affinity chromatography. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006 , 17, 213-26	3.5	15
25	Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 1780-1786	3.9	65
24	L-histidine imprinted synthetic receptor for biochromatography applications. <i>Analytical Chemistry</i> , 2006 , 78, 7253-8	7.8	95
23	Preconcentration of copper using double-imprinted polymer via solid phase extraction. <i>Analytica Chimica Acta</i> , 2006 , 565, 145-151	6.6	93
22	Creation of recognition sites for organophosphate esters based on charge transfer and ligand exchange imprinting methods. <i>Analytica Chimica Acta</i> , 2006 , 579, 74-80	6.6	17
21	Ion-selective Imprinted Superporous Monolith for Cadmium Removal from Human Plasma. <i>Separation Science and Technology</i> , 2005 , 40, 3167-3185	2.5	48
20	Iron removal from human plasma based on molecular recognition using imprinted beads. <i>Materials Science and Engineering C</i> , 2005 , 25, 521-528	8.3	56
19	Molecularly imprinted ligand-exchange recognition assay of glucose by quartz crystal microbalance. <i>Biosensors and Bioelectronics</i> , 2005 , 20, 2197-202	11.8	80
18	A new metal chelate affinity adsorbent for cytochrome C. <i>Biotechnology Progress</i> , 2004 , 20, 223-8	2.8	30
17	Removal of phenolic compounds with nitrophenol-imprinted polymer based on π - π and hydrogen-bonding interactions. <i>Separation and Purification Technology</i> , 2004 , 38, 173-179	8.3	74
16	Selective separation and preconcentration of cyanide by a column packed with cyanide-imprinted polymeric microbeads. <i>Separation and Purification Technology</i> , 2004 , 40, 9-14	8.3	56
15	Molecular recognition based cadmium removal from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 119-26	3.2	40
14	Ni(II) ion-imprinted solid-phase extraction and preconcentration in aqueous solutions by packed-bed columns. <i>Analytica Chimica Acta</i> , 2004 , 502, 91-97	6.6	208
13	Poly(ethylene dimethacrylate-glycidyl methacrylate) Monolith as a Stationary Phase in Dye-Affinity Chromatography. <i>Industrial & Engineering Chemistry Research</i> , 2004 , 43, 6507-6513	3.9	51
12	Molecular recognition based cadmium removal from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 119-126	3.2	58
11	Performance of dye-affinity beads for aluminium removal in magnetically stabilized fluidized bed. <i>Biomagnetic Research and Technology</i> , 2004 , 2, 5		19

10	Metal-complexing ligand methacryloylamidocysteine containing polymer beads for Cd(II) removal. <i>Separation and Purification Technology</i> , 2003 , 30, 3-10	8.3	46
9	Novel methacryloylamidophenylalanine functionalized porous chelating beads for adsorption of heavy metal ions. <i>Advances in Polymer Technology</i> , 2003 , 22, 355-364	1.9	14
8	Preconcentration of copper on ion-selective imprinted polymer microbeads. <i>Analytica Chimica Acta</i> , 2003 , 480, 251-258	6.6	210
7	Removal of aluminium by Alizarin Yellow-attached magnetic poly(2-hydroxyethyl methacrylate) beads. <i>Reactive and Functional Polymers</i> , 2003 , 55, 99-107	4.6	40
6	Selective Separation of Uranium Containing Glutamic Acid Molecular-Imprinted Polymeric Microbeads. <i>Separation Science and Technology</i> , 2003 , 38, 3431-3447	2.5	53
5	Preparation and Characterization of the Newly Synthesized Metal-Complexing-Ligand N-Methacryloylhistidine Having PHEMA Beads for Heavy Metal Removal from Aqueous Solutions. <i>Macromolecular Materials and Engineering</i> , 2002 , 287, 539-545	3.9	33
4	Preparation of poly(hydroxyethyl methacrylate-co-methacrylamidohistidine) beads and its design as a affinity adsorbent for Cu(II) removal from aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002 , 196, 199-207	5.1	31
3	Removal of heavy metal ions from water by using poly(ethyleneglycol dimethacrylate-co-acrylamide) beads. <i>European Polymer Journal</i> , 2002 , 38, 1443-1448	5.2	90
2	Preparation of magnetic dye affinity adsorbent and its use in the removal of aluminium ions. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001 , 12, 1059-73	3.5	27
1	Molecularly imprinted polymer embedded-cryogels as selective genotoxic impurity scavengers. <i>Separation Science and Technology</i> , 1-13	2.5	0